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OIPE

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/836,439

DATE: 11/30/2001  
TIME: 12:32:10

Input Set : A:\017753-154.ST25.txt  
Output Set: N:\CRF3\11212001\I836439.raw

ENTERED

4 <110> APPLICANT: de Bizemont, Therese  
 5 Sennlaub, Florian  
 7 <120> TITLE OF INVENTION: Gene Therapy With Chimeric Oligonucleotides Delivered by a  
 8 Method Comprising a Step of Iontophoresis  
 10 <130> FILE REFERENCE: 017753-154  
 12 <140> CURRENT APPLICATION NUMBER: US 09/836,439  
 13 <141> CURRENT FILING DATE: 2001-04-17  
 15 <160> NUMBER OF SEQ ID NOS: 13  
 17 <170> SOFTWARE: PatentIn version 3.1  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 68  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Artificial Sequence  
 24 <220> FEATURE:  
 25 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule: DNA/2'OMeRNA  
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 26 from the murine gene encoding the cGMP-phosphodiesterase  
 27 beta-subunit  
 29 <400> SEQUENCE: 1  
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 35 <210> SEQ ID NO: 2  
 36 <211> LENGTH: 25  
 37 <212> TYPE: DNA  
 38 <213> ORGANISM: Artificial Sequence  
 40 <220> FEATURE:  
 41 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA derived  
 42 from the murine or human gene encoding the  
 43 transcription factor HIF1alpha  
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 54 <220> FEATURE:  
 55 <223> OTHER INFORMATION: Description of Artificial Sequence:DNA derived  
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 58 <400> SEQUENCE: 3  
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 65 <213> ORGANISM: Artificial Sequence  
 67 <220> FEATURE:  
 68 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA derived  
 69 from the human gene encoding the RP1  
 71 <400> SEQUENCE: 4

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 80 <220> FEATURE:  
 81 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA derived  
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 84 <220> FEATURE:  
 85 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule:  
 86 DNA/2'OMeRNA derived from the murine gene  
 87 encoding the cGMP-phosphodiesterase beta-subunit  
 89 <400> SEQUENCE: 5 25  
 90 gctttcttg ctgagagctc ttcca  
 93 <210> SEQ ID NO: 6  
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 95 <212> TYPE: DNA  
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 98 <220> FEATURE:  
 99 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA derived  
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 116 transcription factor HIF1alpha  
 118 <400> SEQUENCE: 7 25  
 119 ccatgtgacc atgaggaaat gagag  
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 135 <210> SEQ ID NO: 9  
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 138 <213> ORGANISM: Artificial Sequence  
 140 <220> FEATURE:  
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 142 from the human gene encoding the RPL

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PATENT APPLICATION: US/09/836,439 TIME: 12:32:10

Input Set : A:\017753-154.ST25.txt  
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148 <210> SEQ ID NO: 10  
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157 <400> SEQUENCE: 10 25  
158 gctttcttg ctaagagtc ttcca  
161 <210> SEQ ID NO: 11  
162 <211> LENGTH: 68  
163 <212> TYPE: DNA  
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166 <220> FEATURE:  
167 <223> OTHER INFORMATION: Description of Combined DNA/RNA Molecule: DNA/2'OMeRNA  
derived from the murine gene encoding the  
169 cGMP-phosphodiesterase beta-subunit  
171 <400> SEQUENCE: 11 60  
172 ctaccaaatac catgggattt ccatcagtta uuucugucca tcagguagga gugggctcgc 68  
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182 <223> OTHER INFORMATION: Description of Artificial Sequence:  
183 oligonucleotide sens (primer) derived from the  
184 murine cDNA encoding the cGMP-phosphodiesterase  
185 beta-subunit  
187 <400> SEQUENCE: 12 21  
188 gcccgaaa ttgtcttcta c  
191 <210> SEQ ID NO: 13  
192 <211> LENGTH: 21  
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194 <213> ORGANISM: Artificial Sequence  
196 <220> FEATURE:  
197 <223> OTHER INFORMATION: Description of Artificial Sequence:  
198 oligonucleotide reverse(primer) derived from the  
199 murine cDNA encoding the cGMP-phosphodiesterase  
200 beta-subunit  
202 <400> SEQUENCE: 13 21  
203 ccccaggaac tgtgtcagag a

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/09/836,439

DATE: 11/30/2001  
TIME: 12:32:11

Input Set : A:\017753-154.ST25.txt  
Output Set: N:\CRF3\11212001\I836439.raw